

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S13 1	9	("4369962" "4888602" "5384619" "5934664" "6167231" "6244588" "6293716" "6332068" "6457886" "D431046").PN.	EPO; JPO; DERWENT	OR	ON	2005/08/08 15:09
S13 2	1	("D431046").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/08 15:18
S13 3	8577	(infeed feeder feeding) near1 (module unit or magazine)	EPO; JPO; DERWENT	OR	ON	2005/08/08 15:19
S13 4	23256	(stack pile) near2 (media medium sheet paper substrate receiver envelope)	EPO; JPO; DERWENT	OR	ON	2005/08/08 15:19
S13 5	383519	b41j\$.ipc. or b41j\$.epc. or b65h\$.epc. or b65h\$.epc.	EPO; JPO; DERWENT	OR	ON	2005/08/08 15:36
S13 6	28	S133 and S134 and S135	EPO; JPO; DERWENT	OR	ON	2005/08/08 15:26
S13 7	1	("4660820").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/08 15:26
S13 8	21	("3415508" "3622238" "3659837" "3753560" "3756586" "3936042" "4165069" "4305655" "4350439").PN. OR ("4660820").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 15:26
S13 9	4	("4332375" "4660820").PN. OR ("5435536").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 15:28
S14 0	13	("2572450" "2629323" "4017004" "4322069" "4560293" "4660820" "4770403").PN. OR ("4828415").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 15:31
S14 1	16	("4444385").PN. OR ("4770403").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 15:35
S14 2	8	"4444385"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 15:35
S14 3	1029	(detachable separable) near2 (feed feeder feeding infeed stack supply hopper)	EPO; JPO; DERWENT	OR	ON	2005/08/08 16:25
S14 4	75	S135 and S143	EPO; JPO; DERWENT	OR	ON	2005/08/08 15:59
S14 5	0	10/986,294	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 15:59

S14 6	1	10/686,294	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 16:12
S14 7	1	("6327055").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/08 16:13
S14 8	3	("5895157" "5903401" "6236818").PN. OR ("6327055"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 14:24
S14 9	3	("5895157" "5903401" "6236818").PN. OR ("6327055"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 16:13
S15 0	8	("4466732" "5138385" "5324884" "5365318" "5473417" "5557379" "6026266").PN. OR ("6236818").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/08 16:13
S16 0	1169	S151 S152 S153 S154 S155 S156 S157 S158 S159	EPO; JPO; DERWENT	OR	ON	2005/08/09 07:39
S16 1	238981	(detachable attachable removable removeable)	EPO; JPO; DERWENT	OR	ON	2005/08/08 16:25
S16 2	15	S160 and S161	EPO; JPO; DERWENT	OR	ON	2005/08/08 16:25
S16 3	11	S162 not S144	EPO; JPO; DERWENT	OR	ON	2005/08/08 16:25
S16 4	1536865	(removed removing replaced replacing replace remove)	EPO; JPO; DERWENT	OR	ON	2005/08/08 16:33
S16 5	26	S160 and "43"	EPO; JPO; DERWENT	OR	ON	2005/08/08 16:33
S16 6	67	S160 and S164	EPO; JPO; DERWENT	OR	ON	2005/08/09 07:49
S16 7	1	jp-03218871-\$.did.	EPO; JPO; DERWENT	OR	ON	2005/08/08 16:41
S17 7	1169	S168 S169 S170 S171 S172 S173 S174 S175 S176	EPO; JPO; DERWENT	OR	ON	2005/08/09 12:04
S17 8	1131471	inserted inserting insertable insert	EPO; JPO; DERWENT	OR	ON	2005/08/09 07:49
S17 9	73	S177 and S178	EPO; JPO; DERWENT	OR	ON	2005/08/09 08:04
S18 0	0	S177 and modular	EPO; JPO; DERWENT	OR	ON	2005/08/09 08:04
S18 1	46	S177 and hopper	EPO; JPO; DERWENT	OR	ON	2005/08/09 08:28
S18 2	44	S181 not S179	EPO; JPO; DERWENT	OR	ON	2005/08/09 08:14
S18 3	1	jp-05051142-\$.did.	EPO; JPO; DERWENT	OR	ON	2005/08/09 08:47

S18 4	24	S177 and (exchange exchangeable exchangeable exchanged exchanging)	EPO; JPO; DERWENT	OR	ON	2005/08/09 08:35
S18 5	112503	"400"/\$.ccls. or "347"/\$.ccls. or "399"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 08:35
S18 6	3582	(modular insert or inserted inserting insertable or exchange exchanged or exchanging exchangeable or exchangeable) near2 (hopper or (paper or media or medium or sheet or receiver or envelope or card or substrate) near1 (supply feeder feeding module unit or magazine))	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 09:10
S18 7	545	S185 and S186	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 08:37
S18 8	7914	(hopper or (paper or media or medium or sheet or receiver or envelope or card or substrate) near1 (supply feeder feeding module unit or magazine)) near4 (path pathway)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 08:38
S18 9	121	S187 and S188	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 08:38
S19 0	0	jp-11-212307-\$.did.	EPO; JPO; DERWENT	OR	ON	2005/08/09 08:47
S19 1	2	jp-11212307-\$.did.	EPO; JPO; DERWENT	OR	ON	2005/08/09 11:28
S19 2	12	("4484737" "4751552" "4760424" "4878428" "5130759" "5144386" "5196897" "5287158" "5291256").PN. OR ("5563698").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 09:09
S19 3	5324	((400/624-629) or (271/145-171)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/09 09:10
S19 4	191	S186 and S193	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 09:10
S19 5	167	S194 not S189	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 09:10

S19 6	17	("3002746" "3809385" "4177979" "4369959" "4501417" "4530200" "4666140" "4775140" "5081825" "5164906" "5275395" "5454554" "5732941" "5772199" "5888047" "5975519").PN. OR ("6776412").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 09:12
S19 7	4	("4966356" "5002266" "5413409").PN. OR ("6145832").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 09:47
S19 8	11	("4332375" "4788571" "5431383" "5437443" "5451039").PN. OR ("5882005").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 10:13
S19 9	217428	(remove removing removed removable exchange exchanged exchanging exchangeable exchangable replace replacing replaced replaceable) near2 (section unit module feeder feeding supply hopper)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 10:42
S20 0	525	S193 and S199	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 10:14
S20 1	15	("4017181" "4791457" "5000596" "5019839" "5116034" "5177544" "5346197" "5595380" "5730537" "5746528" "5772343" "5957447").PN. OR ("6179499").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 10:29
S20 2	22	("4620809" "4662765" "4674743").PN. OR ("5116034").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 10:31
S20 3	26	("0580985" "0897219" "1962128" "2050350" "2094033" "2945434" "3072051" "3137495" "3639055" "3998118" "4379549" "5014977" "5134915" "5165675" "5216471" "5216474" "5255903" "5287164").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 10:40
S20 4	77306	(exchange exchanged exchanging exchangeable exchangable replace replacing replaced replaceable) near2 (section unit module feeder feeding supply hopper)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 10:42
S20 5	3844	S185 and S204	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 10:42

S20 6	103	S193 and S204	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 10:42
S20 7	13	("4909648" "5133615" "5388815" "5433364" "5494544" "5505551" "5509886").PN. OR ("5820281").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 11:14
S20 8	79	stemmle-denis\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 11:20
S20 9	401	(271/165-166).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/09 11:20
S21 0	7	("4702466" "5158221" "5203552" "5326093" "5653438" "5974290" "5984305").PN. OR ("6663099").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 11:27
S21 1	0	jp-200119221-\$ did.	EPO; JPO; DERWENT	OR	ON	2005/08/09 11:28
S21 2	2	jp-2001019221-\$ did.	EPO; JPO; DERWENT	OR	ON	2005/08/09 11:29
S21 3	2	jp-11079430-\$ did.	EPO; JPO; DERWENT	OR	ON	2005/08/09 11:30
S21 4	1	jp-03182431-\$ did.	EPO; JPO; DERWENT	OR	ON	2005/08/09 11:31
S21 5	30	("1058314" "1135140" "1151792" "1724199" "1854221" "2061546" "2110980" "2130101" "3768803" "3874652" "3961785" "3981494" "4340314" "4540298").PN. OR ("4915369").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 11:43
S21 6	31	("3506258" "3933350" "3937455" "4437656").PN. OR ("4715593").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 12:03
S21 7	46	(envelope or card) near2 (feeder) near1 (unit module) (envelope or card) near2 (feeding) near1 (unit hopper module)	EPO; JPO; DERWENT	OR	ON	2005/08/09 12:12
S21 8	1	("4362100").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/09 12:12
S21 9	33	("1349940" "2756673" "3048099" "3217639" "3763775" "3771443" "4015523" "4030409" "4080060").PN. OR ("4362100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 12:17
S22 0	388	(347/49).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/09 12:18

S22 1	0	("56notinkadj(cartridgeheadprinthead).ab.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/09 12:18
S22 2	336	S220 not ink adj (cartridge head printhead).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 12:21
S22 3	363144	(media medium sheet paper stack pile card envelope).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 12:19
S22 4	622451	(media medium sheet paper stack pile card envelope substrate receiver).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 12:19
S22 5	85	S222 and S224	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 12:19
S22 6	33	S225 not (head printhead).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/09 12:21
S22 7	8	"5820281"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 07:50
S22 8	1	("5820281").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/10 08:02
S22 9	366110	b41j\$.ipc. or b41j\$.epc.	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:03
S23 0	33	(feed feeder feeding) near1 (bottom) near2 (pile stack)	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:03
S23 1	0	S229 and S230	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:03
S23 2	3427	(bottom) near2 (pile stack)	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:03
S23 3	38	S229 and S232	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:04
S23 4	4386	bottom near2 (hopper pick picker)	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:05
S23 5	16	S229 and S234	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:06
S23 6	284	b41j013/12.ipc. b41j013/12.epc.	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:26
S23 7	164	(large high) near1 (capacity) near1 (hopper magazine supply)	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:31
S23 8	588353	b41j\$.ipc. or b41j\$.epc. or b65h\$.epc. or b65h\$.ipc.	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:29
S23 9	14	S237 and S238	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:29

S24 0	78	(large high) near1 (capacity) near1 (cartridge cassette)	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:31
S24 1	33	S238 and S240	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:35
S24 2	87714	hopper	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:35
S24 3	2665	S238 and S242	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:44
S24 4	0	S229 and S243	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 08:44
S24 5	921	S229 and S243	EPO; JPO; DERWENT	OR	ON	2005/08/10 08:46
S24 6	2	jp-2000177191-\$.did.	EPO; JPO; DERWENT	OR	ON	2005/08/10 09:03
S24 7	1	jp-03218871-\$.did.	EPO; JPO; DERWENT	OR	ON	2005/08/10 09:26
S24 8	18	NAKAYAMA-BUNJI.in.	EPO; JPO; DERWENT	OR	ON	2005/08/10 09:08
S24 9	0	NAKAYAMA-BUNJI.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 09:08
S25 0	44999	image adj forming adj apparatus.ti.	EPO; JPO; DERWENT	OR	ON	2005/08/10 09:08
S25 1	2432	toshiba adj inteligent.asn.	EPO; JPO; DERWENT	OR	ON	2005/08/10 09:08
S25 2	16	S250 and S251	EPO; JPO; DERWENT	OR	ON	2005/08/10 09:11
S25 3	460725	b41j\$.ipc. or b41j\$.epc. or g03g015/00.ipc. or g03g015/00.epc.	EPO; JPO; DERWENT	OR	ON	2005/08/10 10:31
S25 4	636	S251 and S253	EPO; JPO; DERWENT	OR	ON	2005/08/10 09:12
S25 5	2	jp-2001058728-\$.did.	EPO; JPO; DERWENT	OR	ON	2005/08/10 09:36
S25 6	3	JP-08000636-\$.did. JP-07017645-\$.did.	EPO; JPO; DERWENT	OR	ON	2005/08/10 10:02
S25 7	2364	(pick or picker d or semi-circular semicircular semi-circle semicircle semi-annular semiannular).near1 (roll or roller)	EPO; JPO; DERWENT	OR	ON	2005/08/10 10:02
S25 8	19486	(pick or picker d or semi-circular semicircular semi-circle semicircle semi-annular semiannular) near1 (roll or roller)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:04

S25 9	401	(271/165-166).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/10 10:07
S26 0	0	S249 and S259	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:04
S26 1	15	S258 and S259	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:04
S26 2	16457	(d or semi-circular semicircular semi-circle semicircle semi-annular semiannular) near1 (roll or roller or picker)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:04
S26 3	7	S259 and S262	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:04
S26 4	15	("1637833" "3612511" "3902712" "3908983" "3933350" "4192496" "4362100" "4607833" "4635922" "4715593" "5088718").PN. OR ("5549290").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:14
S26 5	31	("3506258" "3933350" "3937455" "4437656").PN. OR ("4715593").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:17
S26 6	20	("3933350" "4053152" "4222557" "4422631" "4438915" "4674734" "4715593" "4736937" "5152518" "5547179" "5573234" "5727464" "5738453" "5758249" "5895040" "5954326" "5971390" "6076821" "6089773" "6135438").PN. OR ("6688590").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:18
S26 7	40	("1396622" "1969946" "2161124" "2992820" "3185472" "3240488" "3683758" "3894732" "3944213" "4004795" "4025068" "4128236" "4177982" "4268027" "4376530" "4397455" "4500084" "4607832" "4715593" "4744555" "4871162" "4919412" "4928946" "4981292" "5104109" "5167408" "5335899").PN. OR ("5476254").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:22
S26 8	21	("4085929" "4105199" "4216952" "4330115" "4416449" "4575068").PN. OR ("4871162").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:25

S26 9	21	("0135599" "3593988" "3866903" "3952183").PN. OR ("4437656").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:29
S27 0	19	("3506258").URPN.	USPAT	OR	ON	2005/08/10 10:31
S27 1	1	jp-06144578-\$ did.	EPO; JPO; DERWENT	OR	ON	2005/08/10 10:34
S27 2	11	("2873968" "3506258" "5192141" "5545882" "5738452" "5893555" "5927705" "5938191").PN. OR ("6102388").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:32
S27 3	1	jp-03051231-\$ did.	EPO; JPO; DERWENT	OR	ON	2005/08/10 10:49
S27 4	17	("3424294" "3506258" "3589711" "3959951" "4193590" "4216952" "4529187" "4557472" "4715593" "5006042" "5098078" "5137172" "5184811" "5423526" "5562402").PN. OR ("5685690").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:37
S27 5	37	(d adj (shape shaped) d-shape d-shaped) near2 (pick picking picker feed feeding feeder) near1 (roll or roller)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:55
S27 6	83406	"400"/\$.ccls. or "347"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:38
S27 7	11	S275 and S276	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:42
S27 8	19496	(bottom) near2 (stack pile)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:43
S27 9	21643	(bottom) near2 (stack pile pack)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:43
S28 0	204	S276 and S279	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:43
S28 1	12	("4189135" "4594597" "4619197" "4932798" "5296874" "5547183" "5645362").PN. OR ("5762431").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:48
S28 2	7	("4619197" "5762431" "5771058" "6062558" "6315283").PN. OR ("6554512").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:48

S28 3	1	jp-57174784-\$ did.	EPO; JPO; DERWENT	OR	ON	2005/08/10 11:34
S28 4	8	("4594597" "5252989" "5721624" "5762431" "5825996" "5966145" "6155680" "6239817").PN. OR ("6530633"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:51
S28 5	617	b65h003/06.ipc. b65h003/06.epc.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:51
S28 6	2880873	bottom or envelope or card or hopper	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 10:52
S28 7	10575	b65h003/06.ipc. b65h003/06.epc.	EPO; JPO; DERWENT	OR	ON	2005/08/10 10:51
S28 8	1222639	bottom or envelope or card or hopper	EPO; JPO; DERWENT	OR	ON	2005/08/10 10:52
S28 9	1176	S287 and S288	EPO; JPO; DERWENT	OR	ON	2005/08/10 11:53
S29 0	24	(d adj (shape shaped) d-shape d-shaped) near2 (pick picking picker feed feeding feeder) near1 (roll or roller)	EPO; JPO; DERWENT	OR	ON	2005/08/10 11:05
S29 1	3	S289 and moon	EPO; JPO; DERWENT	OR	ON	2005/08/10 11:16
S29 2	1	("6345760").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/10 11:16
S29 3	28	("3641497" "3909595" "4256299" "4641239" "4827425" "4851651" "4866259" "4900906" "4968873" "4993587" "5183249" "5210616" "5332889" "5378884" "5397426" "5410642" "5440108" "5712472" "5729717" "5773805" "5799316" "5929414" "5943238" "5959276" "6186501").PN. OR ("6345760"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 11:17
S29 4	2	jp-10297773-\$ did.	EPO; JPO; DERWENT	OR	ON	2005/08/10 11:51
S29 5	1	trigger-\$.in.	EPO; JPO; DERWENT	OR	ON	2005/08/10 11:51
S29 6	0	trigger-\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 11:51
S29 7	77	triggers-\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 11:51

S29 8	0	driggers-matt.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 11:52
S29 9	24	driggers-matt\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 11:52
S30 0	29824	(wheel or roll or roller or picker) near6 (friction\$)	EPO; JPO; DERWENT	OR	ON	2005/08/10 11:54
S30 1	134	S289 and S300	EPO; JPO; DERWENT	OR	ON	2005/08/10 11:53
S30 2	4022	(wheel or roll or roller or picker) near6 (friction\$) near1 (high surface material)	EPO; JPO; DERWENT	OR	ON	2005/08/10 11:55
S30 3	34	S289 and S302	EPO; JPO; DERWENT	OR	ON	2005/08/10 12:17
S30 4	2	jp-09278214-\$ did.	EPO; JPO; DERWENT	OR	ON	2005/08/10 12:00
S30 5	1	("4982942").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/10 12:00
S30 6	0	(replenish\$) near2 (stack pile hopper media medium paper sheet) near2 (while during) near2 (printing printed)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 12:19
S30 7	58	(replenish\$) with (stack pile hopper media medium paper sheet) with (while during) with (printing printed)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 12:20
S30 8	25	(replenish\$) near4 (stack pile hopper media medium paper sheet) with (while during) with (printing printed)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 12:23
S30 9	22	(replenish\$) near4 (stack pile hopper media medium paper sheet) near4 (without) near2 (stopping halting suspending)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 12:23
S31 0	0	("6688740").URPN.	USPAT	OR	ON	2005/08/10 12:24
S31 1	18	("3498599" "3947018" "3955813" "4099789" "4130274" "4168831" "4229861" "4275877" "4305576" "4317563" "4353542" "4478404").PN. OR ("4570918").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 12:27
S31 2	12	("4369959" "4415263" "4456235" "4478404" "4526501" "4570918" "4579326" "4777365" "4786040" "4966521" "5026037" "5145163").PN. OR ("5398921").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 12:28

S31 3	16	("2940617" "3206042" "3211301" "3908836").PN. OR ("4526501").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 12:30
S31 4	38	("1330639" "3386320" "3391806" "3934150" "3963790" "4285625" "4339221" "4526501" "4531878" "4553312" "4556210" "4580938" "4586232").PN. OR ("4696615"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/10 12:34
S31 5	1	("5875383").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/10 12:34